SINGLE AND DUAL DAMASCENE TECHNIQUES UTILIZING COMPOSITE POLYMER DIELECTRIC FILM
Inventors: Chung J. Lee and Atul Kumar
Attorney: M. Matthews Hall
Telephone: (503) 224-6655
Our File – DSI 303

Fig. 1

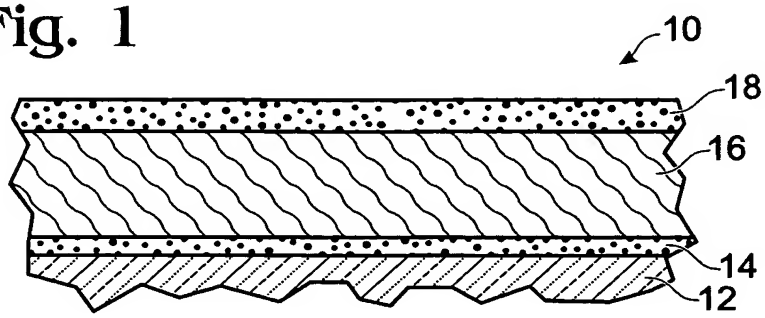

Fig. 3

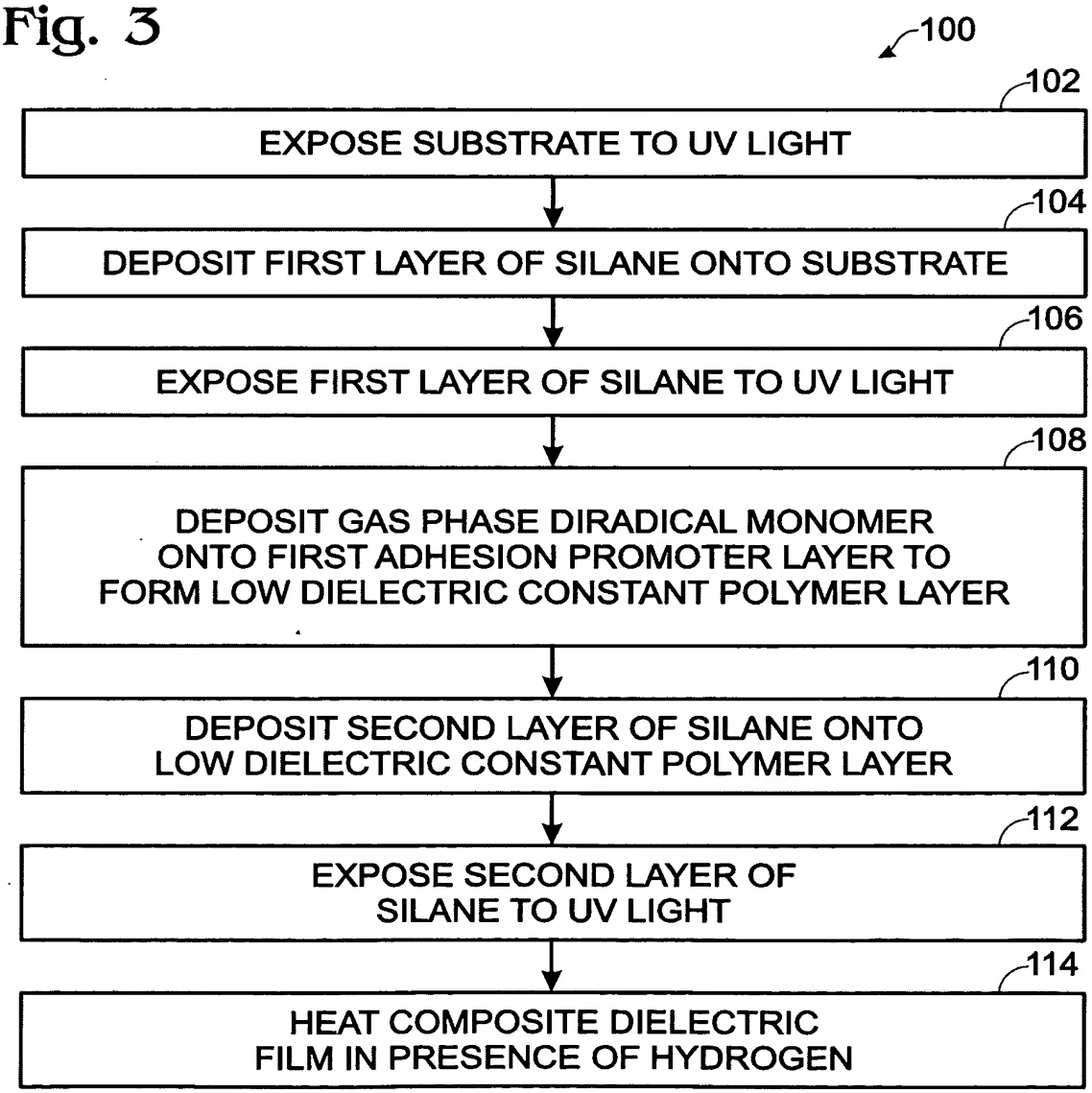

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Fig. 2a

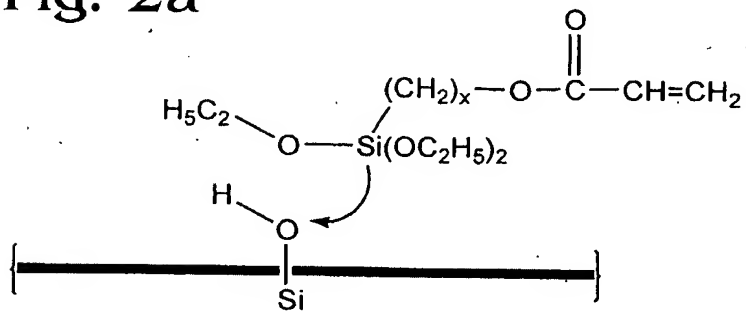

Fig. 2b

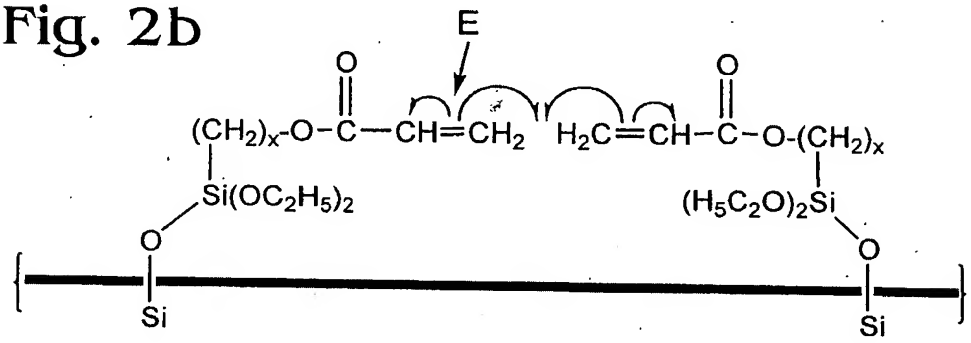

Fig. 2c

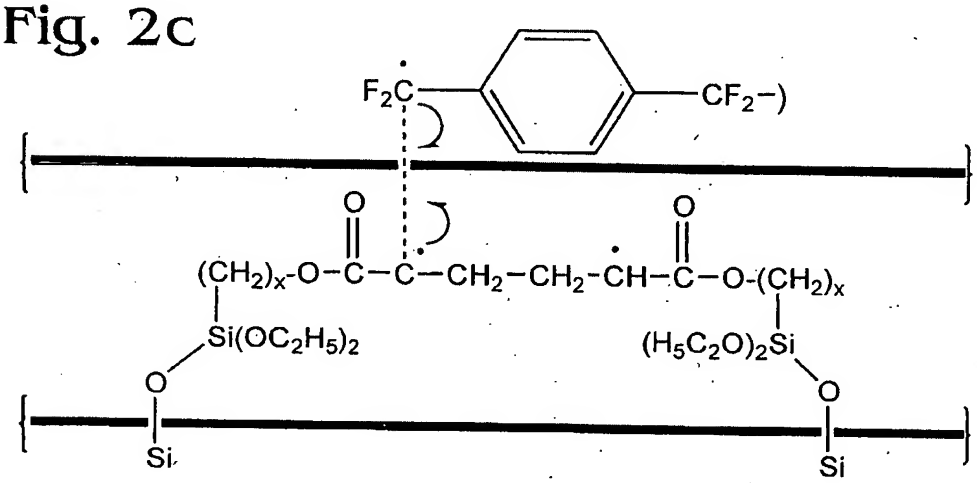

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Fig. 2d

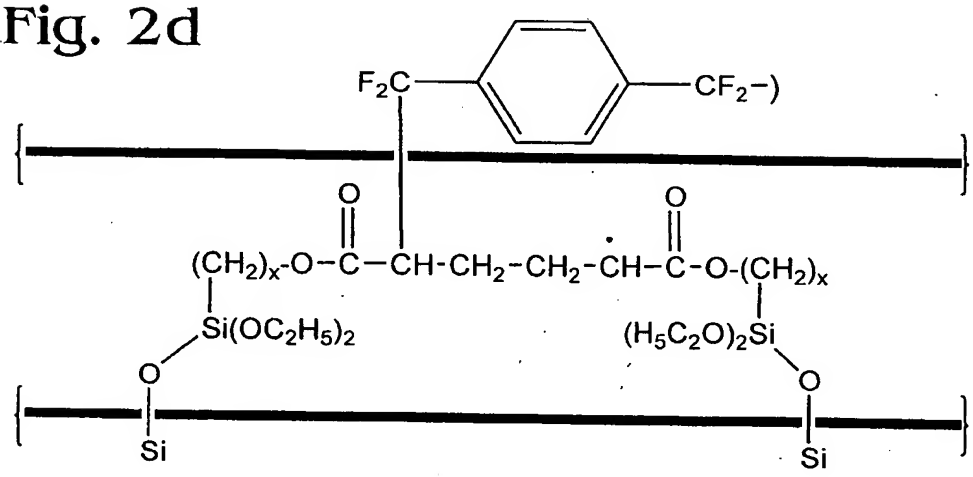


Fig. 2e

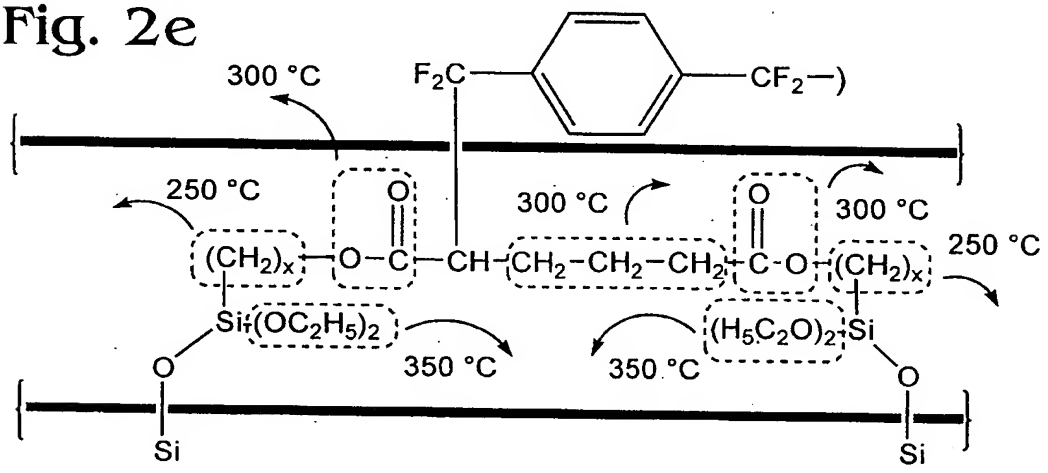


Fig. 2f

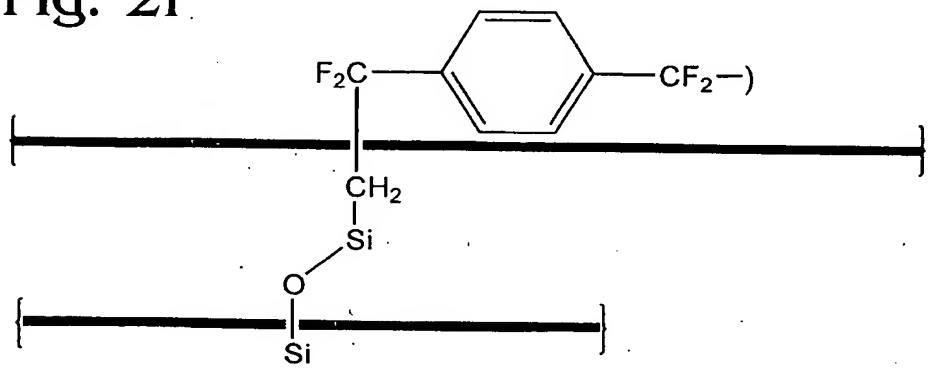
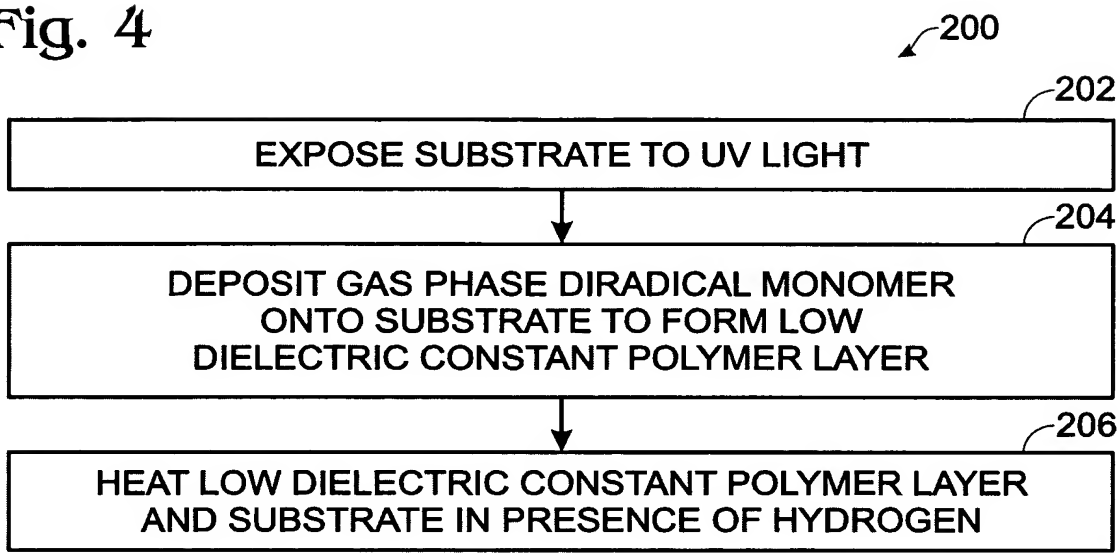


Fig. 4


200
202
EXPOSE SUBSTRATE TO UV LIGHT
204
DEPOSIT GAS PHASE DIRADICAL MONOMER ONTO SUBSTRATE TO FORM LOW DIELECTRIC CONSTANT POLYMER LAYER
206
HEAT LOW DIELECTRIC CONSTANT POLYMER LAYER AND SUBSTRATE IN PRESENCE OF HYDROGEN

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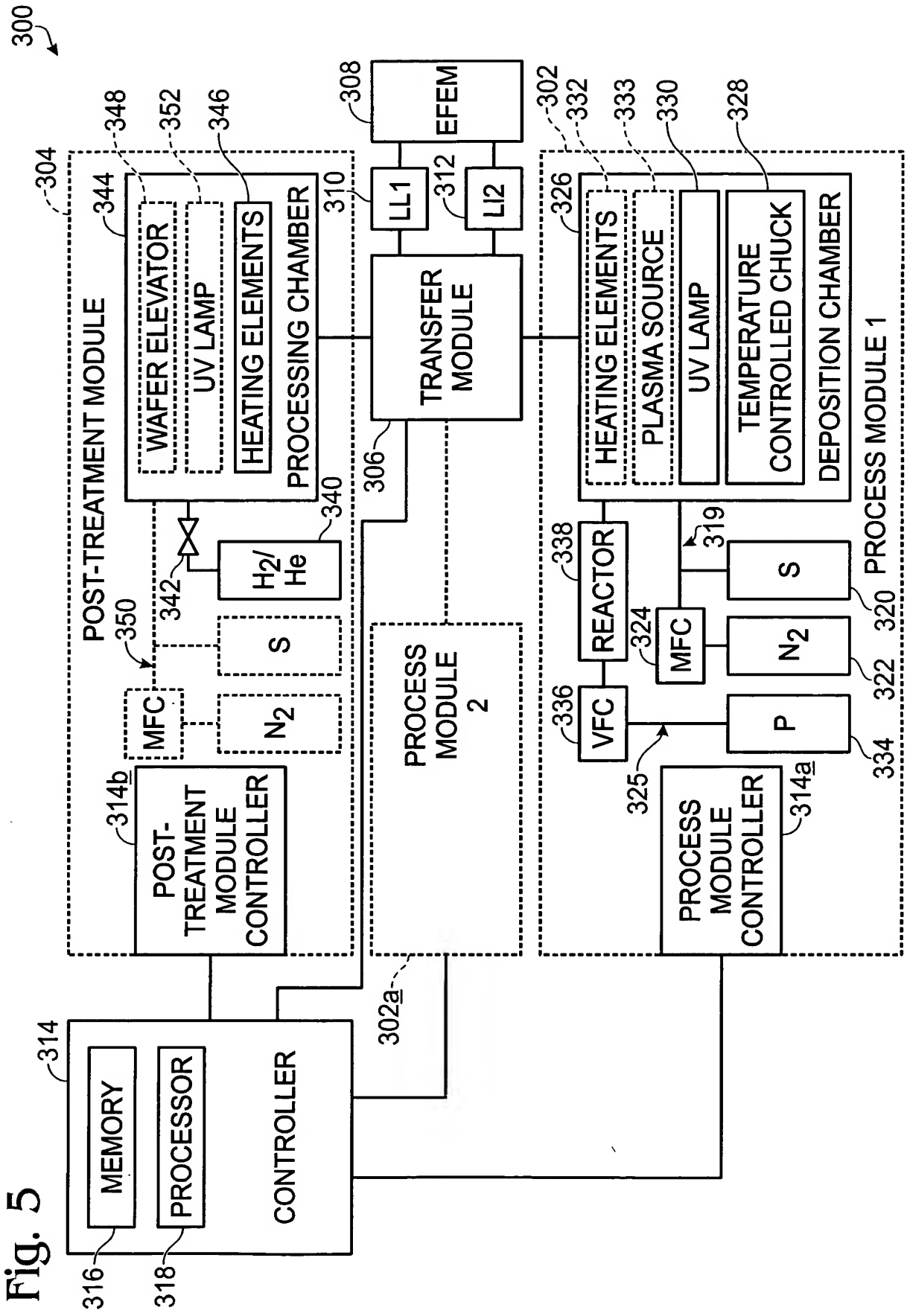

Fig. 5

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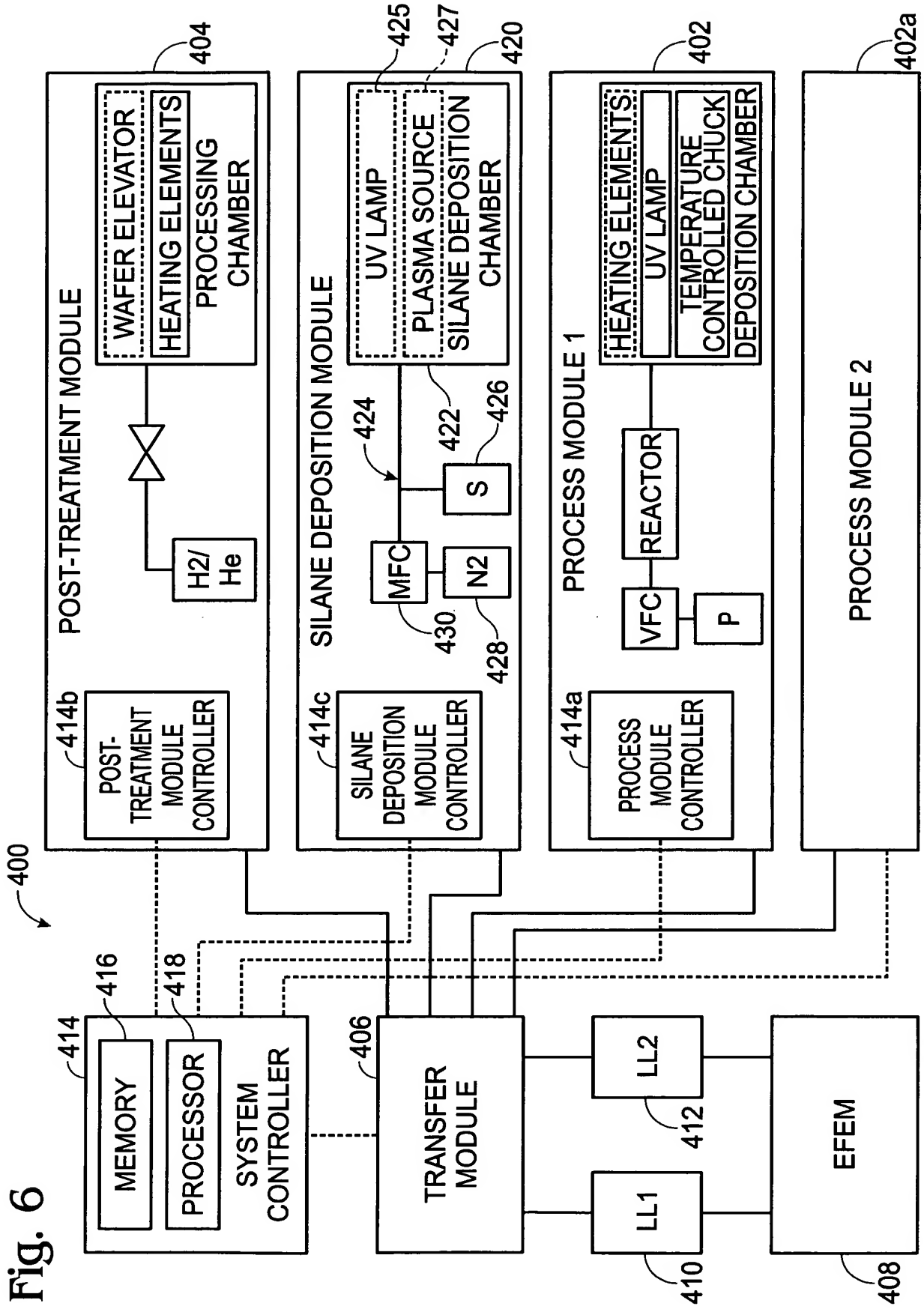

Fig. 6

Fig. 7

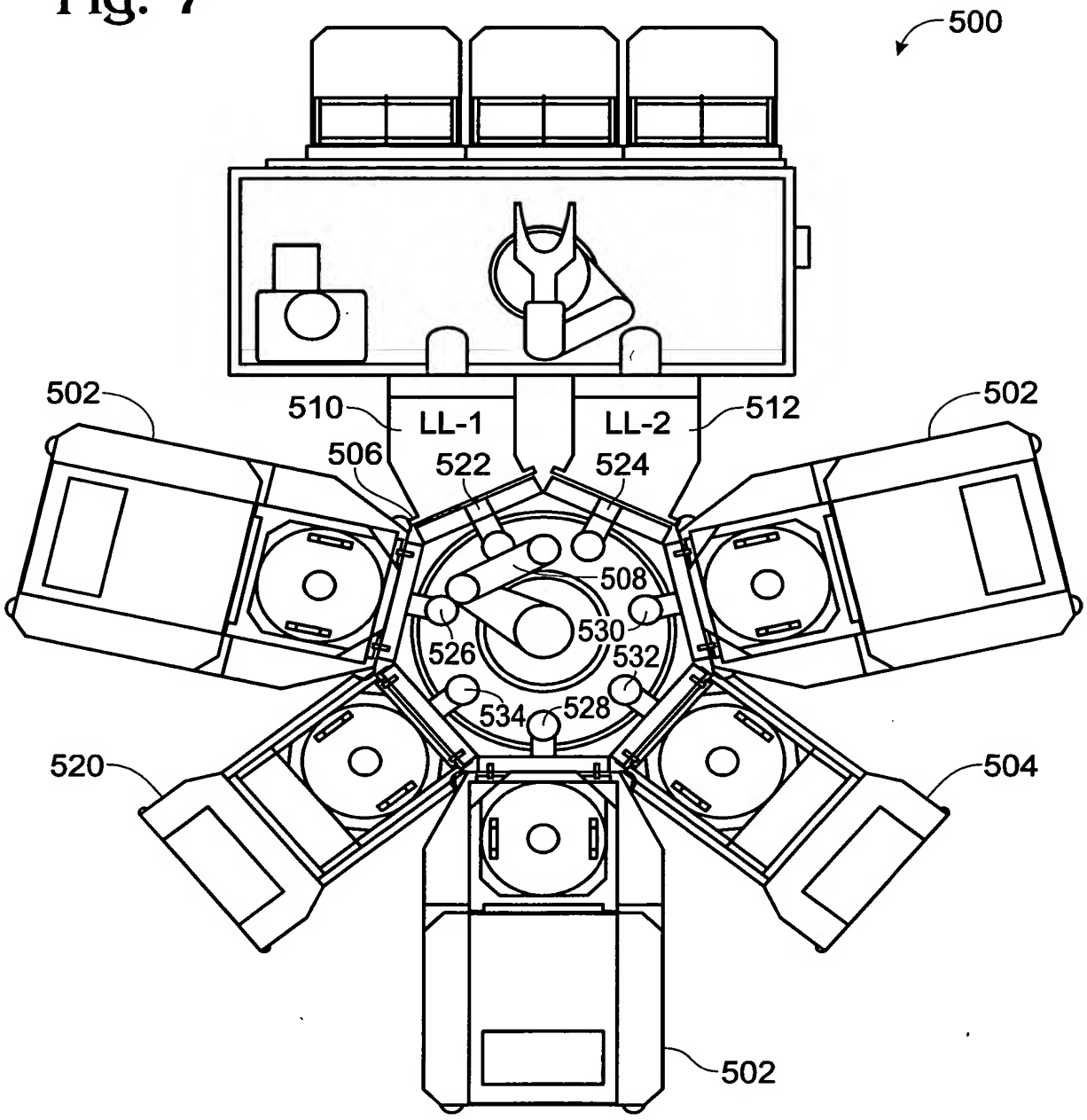
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Fig. 8

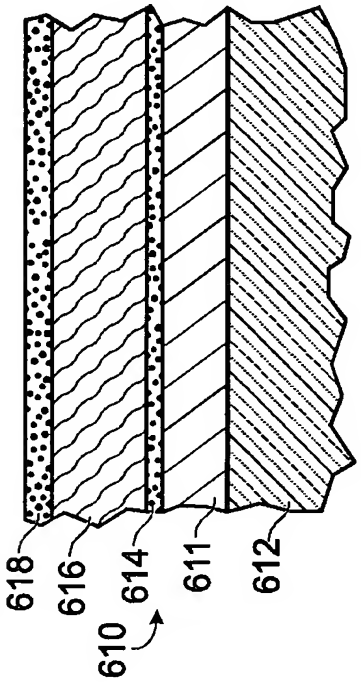

Fig. 9

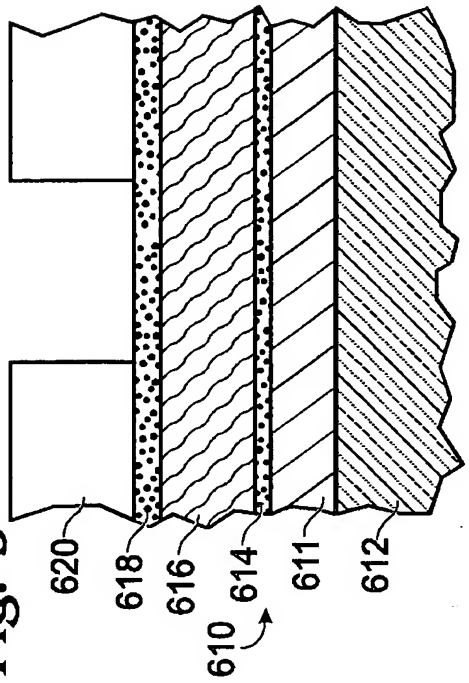

Fig. 10

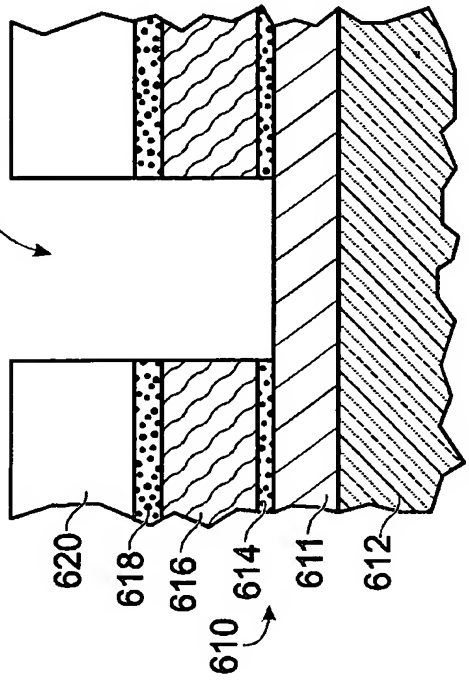

Fig. 11

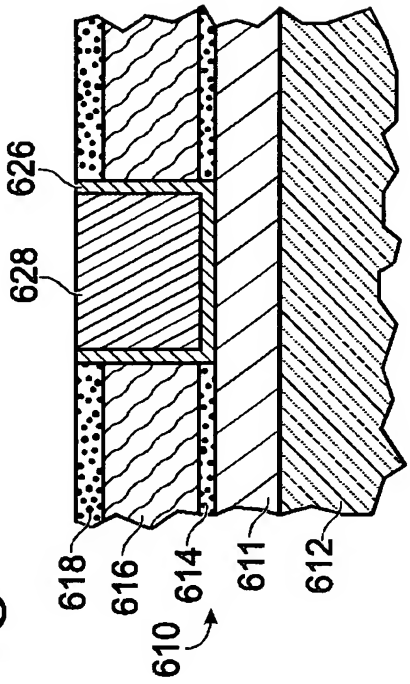

Fig. 12

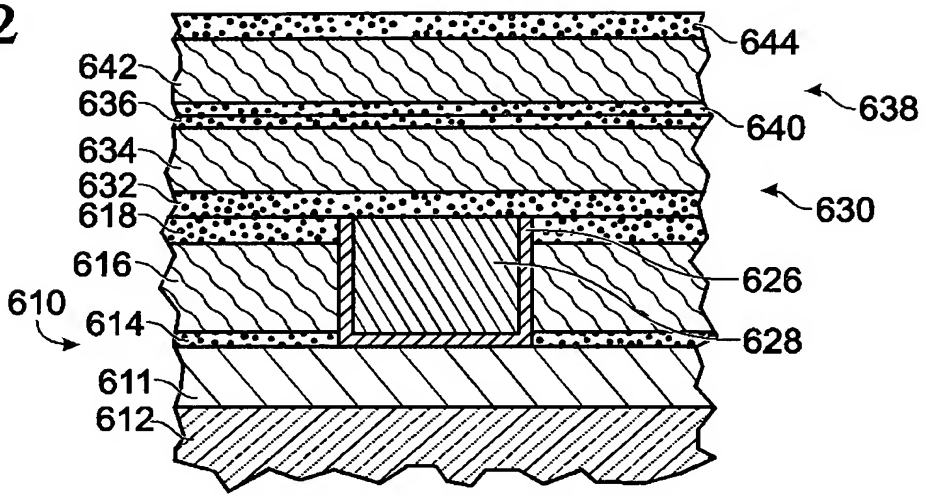

Fig. 13

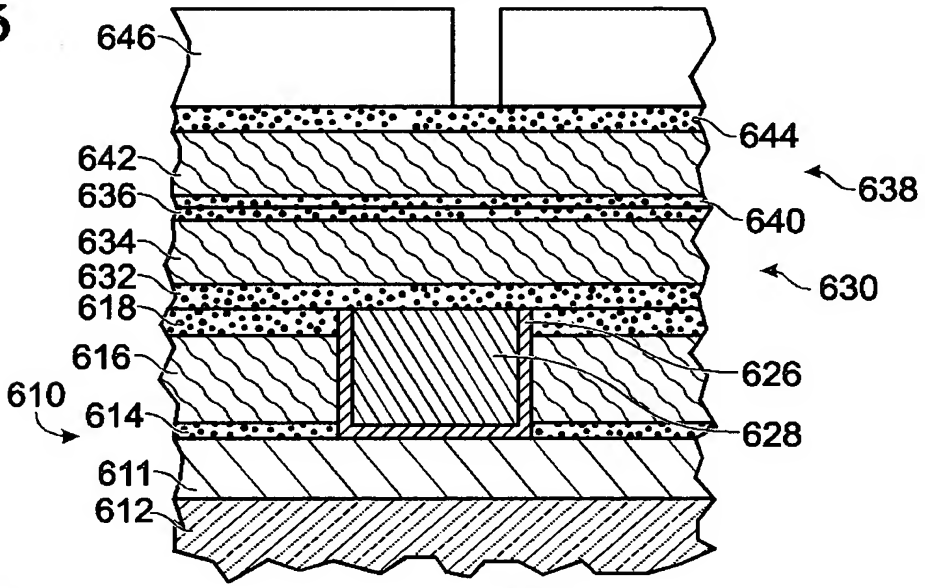

Fig. 14

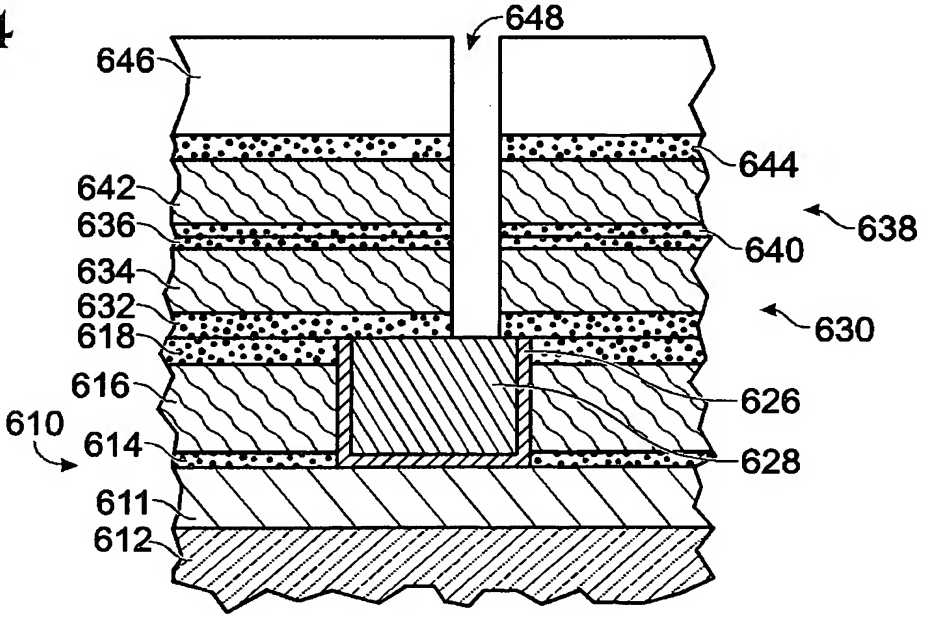

Fig. 15

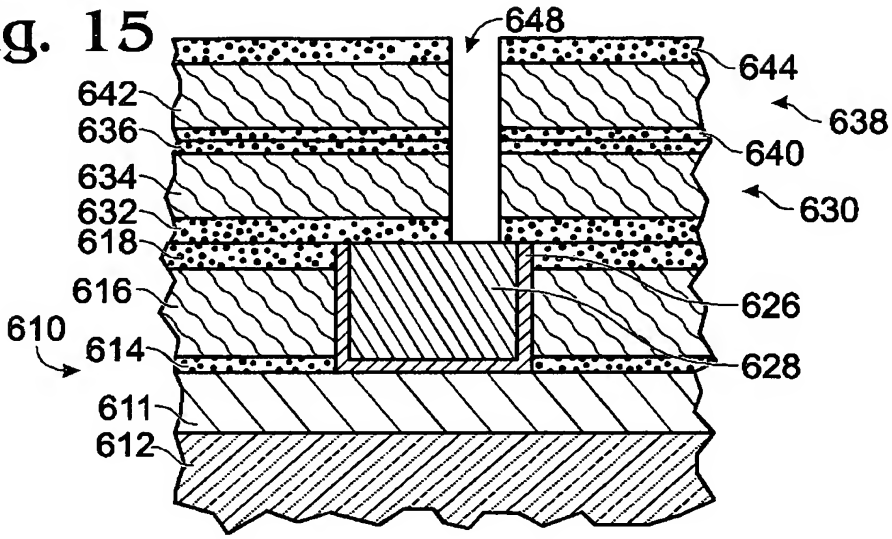

Fig. 16

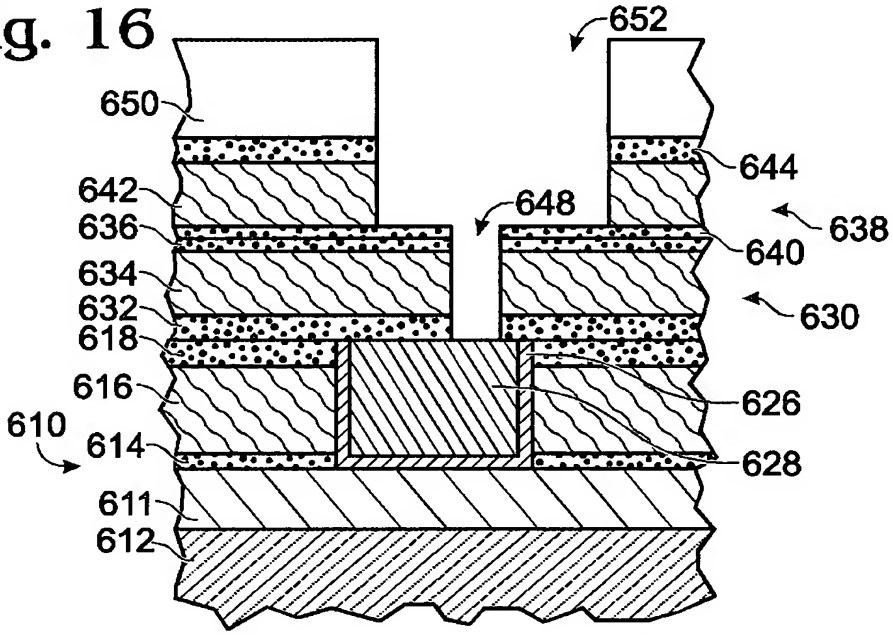

Fig. 17